

EN4DI1DO

EXTENSION IO MODULE

BMSDDCEN4DI1DO.

Modbus RS485 Multiple Baud Rate Options Easy Multiplication. Processing Digital Input and Digital Output Signal. Easy integration of I/O-system in on-site processes. Customer specific configuration of I/O-module on request (inputs and/or outputs).. Modbus RS-485 protocol interface

TECHNICAL SPECIFICATION

Application:

- Digital Input: Volt Free Contact
- Digital Output: 230V,3 A Relay Output
- Communication: Modbus RS485
- Operating Temp: 0-50 DegC
- Operating Humidity: 0-95% RH
- Mounting : Dinrail
- Dimension:110 x 70x 70mm
- Casing: ABS

- AHU/FCU/EF/PUMP/CHILLE R A/M Sts
- AHU/FCU/EF/PUMP/CHILLE R TRIP Sts
- AHU/FCU/EF/PUMP/CHILLE R RUN Sts
- FILTER STATUS
- SYSTEM COMMAND etc.,

Easy to Use:

- Since Modules are Modbus RS485 Communication ,so this Module can be used as Extension module and above Application system can be easily integrated



System Architecture (BMSDDCEN4DI1DO)



Technical Features:

- No Configuration required
- Easily Integration to BMS ENCPU2PG1 or any Third party Modbus Master

Zero Minimal Down Time:

- Incase of failure of IO Module, We can replace IO module on immediate , System can be retained without any additional programing skill.

Turnkey Solution :

- Modules are modular concept, We can able to design and multiply turnkey projects using this modular IO Modules.

System Requirements

- IO Modules can be commissioned using Modbus Master (Modscan) via serial or BMS ENCPU2PG1 via IP without programming knowledge
- **Mounting:** DIN RAIL
- **Operating Voltage:** 24 V AC/DC
- Modscan or Modbus Master Utility Software for Commissioning
- USB to RS485 or Modbus Gateway/Modbus Master for Integrating IO Module

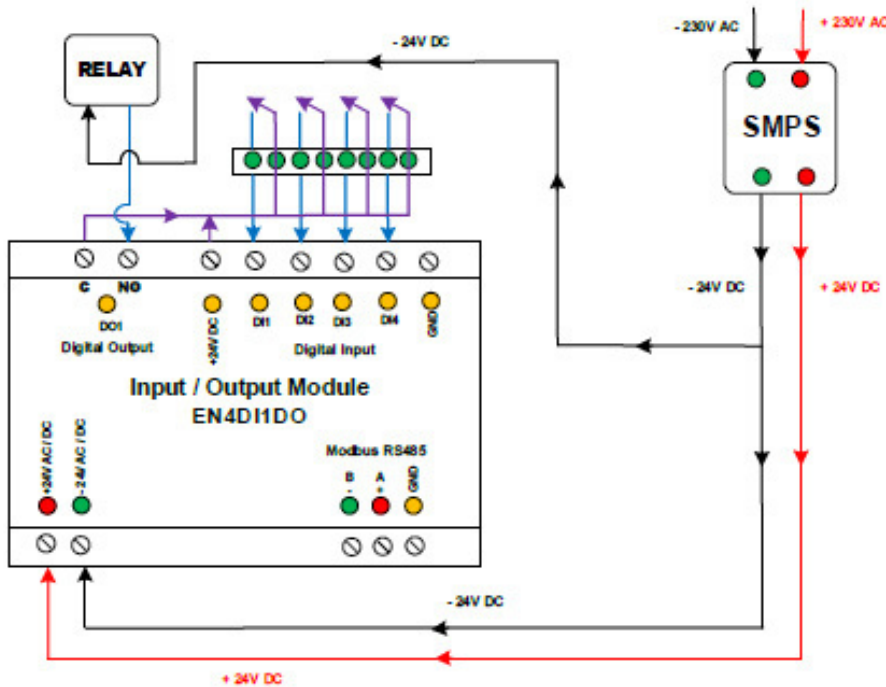
EN4DI1DO Wiring Diagram

SERVICES AVAILABLE

Technical Support
Installation and Setup
Maintenance
Application Support
Hardware Support
Warranty

APPROVAL

CE, RoHs



Why Choose US

We have the solution for you! By featuring seamless and adaptive, vendor-neutral, open-protocol solutions in building automation, be it for maintenance, retrofits or upgrades.

4DI1DO Address Details

S.No	I/O Points	Modbus Address	Modbus Type
1	DI-1	10002	INPUT STATUS
2	DI-2	10003	INPUT STATUS
3	DI-3	10004	INPUT STATUS
4	DI-4	10005	INPUT STATUS
5	DO-1	1	COIL STATUS

**FOR INQUIRIES AND ORDERS, PLEASE
CONTACT US AT**

Coimbatore

**Tidelpark coimbatore
limited, ELCO SEZ,
Civil Aerodrome post,
Vilankurichi road,
Coimbatore -641014.
Tamil Nadu, India**

Anthiyur

**417, Thendral Nagar,
Near Jeeva Shed,
Anthiyur - 638501
Tamil Nadu, India**

**Ph: +91 9941042612
Web: www.emsi.co.in**

